Small Power Projects in Madhya Pradesh

2679. SHRI DILIP SINGH JUDEV : Will the PRIME MINISTER be pleased to state :

(a) the amount provided by Government to Madhya Pradesh for setting up of small power projects during the 1990-91, 1991-92, 1992-93, 1993-94 and 1994-95; and

fb) the amount earmarked by the Planning Commission for the execution of above projects ?

THE MINISTER OF STATE IN THE MINISTRY OF INDUSTRY (SHRI M. ARUNACHALAM) : (a) The details of the amounts provided by the Ministry of Non-Conventional Energy Sorurces for small hydro power projects during the year 1990-91 to 1994-95 are given in the statemem-1 *(See* below).

(b) The details of the approved outlays for small power projects in the Sate of Madhay Pradesh during this period are given in the statement-11.

Statement I

Year	Amount released by Ministry of Non-Conventional Energy Sources for small hydro project (Rs. in lakhs)
1990-91	Nil
1991-92	25.00
1992-93	330.55
1993-94	242.18
1994-95	Nil (upto 15-12-1994)

Statement II

Year	Approved outlays of Planning Commission for small power projects (Rs. in lakhs)
1990-91	752.00
1991-92	982.00
1992-93	800.00
1993-94	340.00
1994-95	275.00

Programmes for Non-Conventional Energy Sources

[1] 2680. SHRI SANJAY DALMIA : Will the PRIME MINISTER be-pleased to state :

(a) whether Government propose to replace the conventional energy sources with that of non-conventional energy sources gradually:

(b) if so, the details thereof; and

(c) the programmes likely to be undertaken by the Indian Renewable Energy Development Agency in this regard ?

THE MINISTER OF STATE IN THE MINISTRY OF INDUSTRY (SHRI M. ARUNACHALAM): (a) and (b) Government is implementing wideranging programmes for harnessing Non-Conventional Energy Sources to meet/supplement energy requirements In the country. The main programmes implemented in this sector include Bio-gas, Improved Chulhas, Biomass, Solar Thermal, Solar Photovoltaics, Integrated Rural Energy Programme, generation of power from Wind, Small-Hydro, Bio-mass, Solar Energy etc. among others.

(c) Indian Renewable Energy Development Agency is promoting the techno-economically viable renewable energy projects through its various schemes involving soft loan assistances to the promoters, users, manufacturers and financial intennediateries. IREDA is also supporting several promotional activities which includes Awareness Meets, Enterpreneurship Development,etc.

Bio-Based Power Projects in the Country

2681. SHRI V. NARAYANA SAMY : Will the PRIME MINISTER be pleased to state :

(a) whether Government have taken any decision to launch a major bio-based project recently;

(b) if so, the estimated power production envisaged for such a project;

(c) how many of such projects are likely to be set up throughout the country; and

(d) what is the estimated cost of each project *1*